

Starter 9/12

Solve the Equation. Check the solution.

1.  $-3(a+2) + 5x = -9$     2.  $5 + 1.5(2d - 1) = 0.5$

Sep 11-4:41 PM

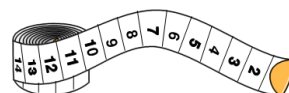
## Solving Multi-Step Equations (1.2a)

Unit Title: Getting into Shape

Unit Question: Do I Measure Up?

Learner Profile: Balanced

Area of Interaction: Human Ingenuity



Sep 5-9:16 AM

## I Can Statement:

I can solve 2 step equations .



= remember

Sep 5-9:41 AM

Words to Live By:

Sum of Angles in Triangle

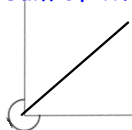
Equation    Like Terms

Sep 5-9:43 AM

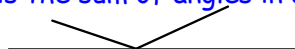
What is the sum of the angles in a triangle?



What is the sum of the angles in a right angle?

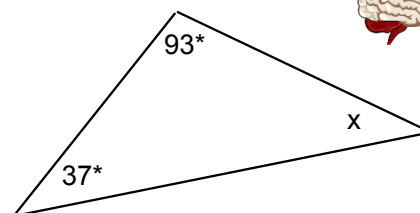


What is the sum of angles in a straight line?



Sep 5-9:50 AM

Given the triangle, what would be the equation to find the missing angle?



Sep 5-9:54 AM

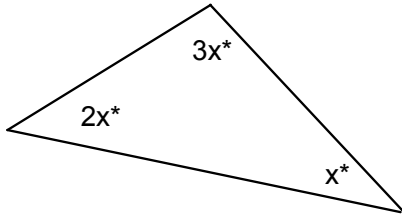
Find the like terms!! What does it mean for terms to be like terms

$3x$   $7^2$   $xy$   
 $x^2$   $\frac{1}{2}z$   $12$   
 $-8y$   $\frac{-z^2}{2}$   $3y$   $3.8x$   
 $-4yx$   $-6x^2$   
 $5z^2$

What is a coefficient?

Sep 5-10:02 AM

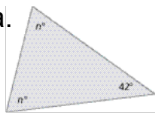
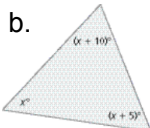
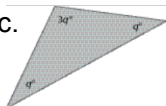
What if a triangle had angles  $x^\circ$ ,  $2x^\circ$ , and  $3x^\circ$ . Can we find the measure of the angles in the triangle? How?, if you can.

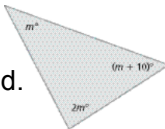
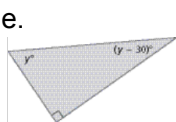
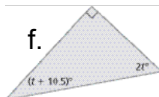


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**Activity: Solving for the Angles of a Triangle** **Activity 1.2 #1**


Work with a partner. Write an equation for each triangle. Solve the equation to find the value of the variable. Then find the angle measures of each triangle. Use a protractor to check the reasonableness of your answer.

a.  b.  c. 

d.  e.  f. 

Let me check it off before you move on to activity #2

Sep 5-10:30 AM

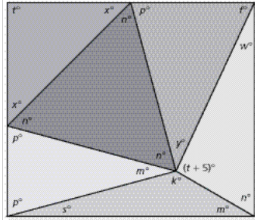
 Measure of angles that form a straight line = ?

Use any strategies you can to solve the puzzle in Activity #2

**ACTIVITY: Problem Solving Strategy**

Work with a partner

The six triangles form a rectangle. Find the angle measures of each triangle. Use a protractor to check the reasonableness of your answers.



Sep 5-10:35 AM

You do not  
have to do  
Activity 3.

Sep 11-5:58 PM

What is your answer?

In your journal answer the question  
"In Your Own Words"

Practice: From textbook  
Page 14; #3-5

Complete Journal and Textbook  
By Class Tomorrow

Sep 5-10:50 AM